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PTO/SB/21 (02-04)
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/692,128
	Filing Date	10/23/2003
	First Named Inventor	William Kress Bodin
	Art Unit	3661
	Examiner Name	Unknown
	Attorney Docket Number	AUS920030673US1
Total Number of Pages in This Submission		6

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks The Commissioner is authorized to charge or credit Deposit Account No. 09-0447.	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

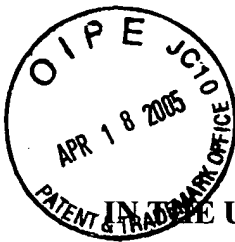
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	John Biggers Reg. No. 44 537
Signature	<i>John Biggers</i>
Date	April 14, 2005

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Typed or printed name	Catherine Berglund	
Signature	<i>Catherine Berglund</i>	Date April 14, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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The PTO did not receive the following listed items(s) NPL



Docket No. AUS920030673US1

In re Application of:
William Kress Bodin, *et al.*

Serial No.: 10/692,128

Filed: October 23, 2003

Title: Navigating a UAV with On-Board
Navigation Algorithms
With Flight Depiction

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Group Art Unit: 3661

Examiner: Unknown

Atty Docket No.: AUS920030673US1

Mail Stop: Amendment
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Date: April 14, 2005
Signature: Catherine Berglund
Catherine Berglund

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Submitted herewith are patents, publications or other information of which the undersigned is aware, which he believes may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

While this Supplemental Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with CFR 1.97(g) the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

This Supplemental Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits. 37 CFR 1.97(b).

A list of the patents(s) and/or publications(s) is set forth on the attached Forms PTO/SB/08a & b.

A concise explanation of the items listed on PTO/SB/08a is not given.

The person making this statement is the attorney who signs below on the basis of the information in the attorney's file.

Respectfully submitted,

Date: April 14, 2005

By:

A handwritten signature in cursive script, appearing to read "John Biggers", written over a horizontal line.

John Biggers

Reg. No. 44,537

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ATTORNEY FOR APPLICANT(S)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/692,128
Filing Date	10/23/2003
First Named Inventor	William Kress Bodin
Art Unit	3661
Examiner Name	Unknown
Attorney Docket Number	AUS920030673US1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,890,441	04-06-1999	Swinson et al.	
		US- 6,056,237	05-02-2000	Woodland	
		US- 6,130,705	10-10-2000	Lareau et al.	
		US- 6,219,004 B1	04-17-2001	Johnson	
		US- 6,377,875 B1	04-23-2002	Schwaerzler	
		US- 6,498,968 B1	12-24-2002	Bush	
		US- 2001/0035995 A1	11-01-2001	Ruggiero	
		US- 5,581,250	12-03-1996	Khvilivitzky	
		US- 5,240,207	08-31-1993	Eiband et al.	
		US- 5,552,983	09-03-1996	Thornbert et al.	
		US- 5,716,032	02-10-1998	McIngvale	
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		US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/692,128
		Filing Date	10/23/03
		First Named Inventor	William Kress Bodin
		Art Unit	3661
		Examiner Name	Unknown
Sheet 2	of 4	Attorney Docket Number AUS920030673US1	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SUTCLIFFE, et al.; Decentralised Data Fusion Applied to a Network of Unmanned Aerial Vehicles; Inspec AN 7289965; Feb. 2002; pp 71-76; Piscataway, NJ; USA	
		JOHNSON, et al; Improving Geolocation and Spatial Accuracies with the Modular Integrated Avionics Group; Inspec AN 5467118; pp 88-97; April 1996; SPIE-Int. Soc. Opt.; England	
		GUNAPALA, et al.; QWIP Technology for Both Military and Civilian Applications; Inspec AN 7255522; April 2001; pp 498-505; SPIE-Int. Soc. Opt.; England	
		SPENNY, et al; Closely Supervised Control of a Target-Steered UAV; Inspec AN 6652724; Sept 1999; pp179-190; SPIE-Int. Soc. Opt.; England	
		RQ-1 Predator Unmanned Aerial Vehicle; May 2002; pp 1-3; U.S. Air Force Fact Sheet; USA	
		GORMLEY, et al; Controlling Unmanned Air Vehicles: New Challenges; March 2003; pp 1-21; Commissioned by the Non-Proliferation Education Center; USA	
		YOUNG; Unmanned Aerial Vehicles Web Site; pp 1-2; NASA GSFC/Wallops Flight Facility, Wallops Island, VA; USA	
		Unmanned Aircraft.com Website; http://www.unmannedaircraft.com/	
		STELLMAN, et al.; War Horse; April 2001; Inspec. AN 7295892; Vol 4379; pp 339-346; SPIE-Int. Soc. Opt.; USA	
		DITTRICH, et al.; 21st Digital Avionics Systems Conference; October 2002; Inspec. AN 7614545; Vol 2; IEEE; Piscataway, NJ; USA	

Examiner Signature	Date Considered
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/692,128		
		Filing Date	10/23/03		
		First Named Inventor	William Kress Bodin		
		Art Unit	3661		
		Examiner Name	Unknown		
Sheet	3	of	4	Attorney Docket Number	AUS920030673US1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		DITTRICH; Design and Integration of an Unmanned Aerial Vehicle Navigation System; Thesis; May 2002; pp i-52; Georgia Institute of Technology; USA	
		Figure 8: Data link module with removed side panel; pp 18-37; USA	
		Figure 17: Simulated GPS malfunction, on the ground, 15 sec; 38-52; USA	
		SOMERS; Unmanned Aerial Vehicle - Demonstration of Autonomous Flight, 09-9822; 1999 IR&D Home; pp 1-4; USA	
		BROWN, et al.; Airborne Reconnaissance XXIII; July 1999; pp 2-8; Vol. 3751; SPIE-Int. Soc. Opt; England	
		NETTLETON, et al.; Multiple Platform Localization and Map Building; Nov 2000; pp 337-347; Inspec AN 6979413; SPEI-Int. Soc. Opt. Eng; US	
		SCHUMACHER et al.; Adaptive Control of UAVs in Close-coupled Formation Flight; 2000; pp 849-853; Insp An 6770904; vol 6 Danvers, MA; US	
		SINGH et al; Adaptive Feedback Linearizing Nonlinear Close Formation Control of UAVs; 2000; pp 854-858; Inspec AN 6770905; vol 2; Danvers, Ma; US	
		21st Digital Avionics Systems Conference; 2002; Inspec AN 7614402; vol 1; IEEE; Piscataway, NJ; US	
		HALLBERG, et al.; Development of a Flight Test Systems for Unmanned Air Vehicles; Feb 1999; pp 55-65; IEEE vol. 19; Inspec AN 6176739; Monterey, CA; US	

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 4	Application Number	10/692,128
	Filing Date	10/23/03
	First Named Inventor	William Kress Bodin
	Art Unit	3661
	Examiner Name	Unknown
Attorney Docket Number		AUS920030673US1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SHILLER, et al.; Mission Adaptable Autonomous Vehicles; 1991; pp 143-150; Inspec AN 4208922; Newton, MA; US	

Examiner
SignatureDate
Considered

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